

LOWELL
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	50.34	58	115	Male	31.95	18	56 #-
Female	22.23	28	126	Female	28.22	14	50 ~-
Total	72.57	86	118	Total	60.16	32	53 ^-
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	18.54	14	76	Male	9.26	5	54
Female	17.09	16	94	Female	9.90	10	101
Total	35.62	30	84	Total	19.16	15	78
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	3.24	3	NC*	Male	43.56	39	90
Female	344.78	275	80 ^-	Female	41.73	34	81
Total	348.02	278	80 ^-	Total	85.30	73	86
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	23.62	33	140	Male	33.23	59	178 ^+
				Female	18.13	21	116
				Total	51.36	80	156 ^+
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	127.10	147	116	Female	41.94	29	69 #-
Female	143.86	150	104				
Total	270.97	297	110				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	17.80	28	157 #+	Male	18.98	20	105
Female	7.34	10	136	Female	23.38	18	77
Total	25.14	38	151 #+	Total	42.37	38	90
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	10.57	9	85	Male	298.96	210	70 ^-
Female	8.27	8	97				
Total	18.83	17	90				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	29.43	25	85	Male	21.78	14	64
Female	20.08	22	110	Female	15.64	21	134
Total	49.51	47	95	Total	37.42	35	94
<u>Larynx</u>				<u>Testis</u>			
Male	17.31	27	156 #+	Male	16.25	12	74

Female	5.36	2	NC*				
Total	22.67	29	128				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	23.76	25	105	Male	7.16	3	NC*
Female	20.14	16	79	Female	19.64	16	81
Total	43.90	41	93	Total	26.79	19	71
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	10.14	21	207 ~+				
Female	4.88	4	NC*	Female	65.03	57	88
Total	15.02	25	166 #+				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	159.14	179	112	Male	1023.01	1009	99
Female	137.85	164	119 #+	Female	1101.71	1032	94 #-
Total	296.99	343	115 ~+	Total	2124.72	2041	96

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels